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(71) Applicant (for all designated States except US): **BASF Plant Science GmbH** [—/DE]; 67056 Ludwigshafen (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CIRPUS, Petra** [DE/DE]; Landteilstr.12, 68163 Mannheim (DE).
OSWALD, Oliver [DE/DE]; Bexbacher Str. 5, 67063

Ludwigshafen (DE). **LERCHL, Jens** [DE/SE]; Onsjövägen 17, S-26831 Svalöv (SE). **MARTIN, William Frank** [US/DE]; Rilkestr. 13, 41469 Neuss (DE). **HOFFMEISTER, Meike** [DE/DE]; Zonser Str. 26, 40223 Düsseldorf (DE).

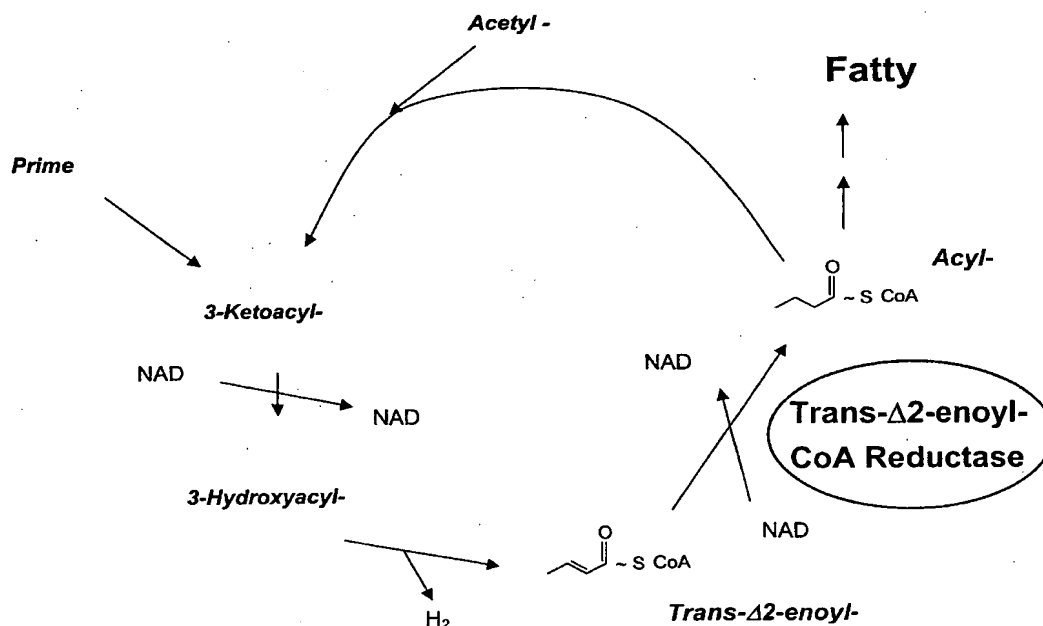
(74) Agent: **GOLDSCHIED, Bettina**; c/o BASF Aktiengesellschaft, 67056 Ludwigshafen (DE).

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(54) Title: **TRANS-2-ENOYL-COA REDUCTASE GENE OF EUGLENA GRACILIS**



(57) Abstract: The invention relates to the identification and use of a nucleic acid sequence SEQ ID NO : 1 from *Euglena gracilis* that when expressed will increase the total amount of oil (i.e. triacylglycerols, diacylglycerols, monoacylglycerols, phospholipids, waxesters and/or fatty acids) that is produced in transgenic organisms.

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SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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